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In the claims:

1. (currently amended) Apparatus for providing to a third system connection information for a connection between first and second systems, the first, second and third systems being connected by a network, comprising;

a network interface to connect the third system to the network as a peer to the first and the second systems;

a selector responsive to the network interface identifying information regarding the connection between the first and second systems;

memory storing the information regarding the connection between the first and second systems in response to the selector being responsive to the network interface identifying the information, the information including at least one data packet, the memory further storing connection state information corresponding to the at least one data packet; and

an output queue for sending the information regarding the connection between the first and second systems to the third system in response to one of the first and second systems having failed, such that failover is achieved to the third system in a peer-to-peer manner;

a first mechanism to broadcast ownership information when each of the first, second, and third systems is booted; and,

a second mechanism to return the first system from a failed state to a normal state; and,

a third mechanism by which connection is regained by the first system from the second system.

2. (cancelled)

3. (currently amended) The apparatus of claim [[2]] 1, wherein the connection is a TCP connection.

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4. (original) The apparatus of claim 1, wherein the first system is a connection host, the second system is a remote host, and the third system is a failover host.

5. (currently amended) The apparatus of claim 1, wherein the first system and the third system solicit the ownership information from each other.

6. (original) The apparatus of claim 1, wherein the first, second and third systems are within a cluster of systems.

7. (currently amended) A system for maintaining a connection within a network, comprising:  
means for broadcasting ownership information between a first system on which an application is running to at least a second system within the network, the broadcasting being accomplished by multicasting;

means for determining that the second system will assume the connection for the first system if the first system fails;

apparatus connected to the network and including memory storing packets sent to and received by the first system;

means for determining that the first system is in a failed state; ~~and~~

means for continuing the application on the second system from the point at which the first system failed, the means for continuing being responsive to the stored packets of the apparatus, such that failover is achieved to the second system in a peer-to-peer manner; and,

means for broadcasting the ownership information when each system is booted

8. (cancelled)

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9. (original) The system of claim 7, wherein the ownership information comprises:
  - a fail over policy;
  - a set of IP addresses owned by each system within the network;
  - a range of port numbers;
  - an application that is currently running on each system;
  - a ARP ownership policy;
  - a current protocol;
  - a set of MAC addresses tied to the IP address(es); and
  - a cluster node ID.
10. (original) The system of claim 7, further comprising:
  - means for returning the first system from a failed state to a normal state; and
  - means by which connection is regained by the first system from the second system.
11. (original) The system of claim 7, wherein the memory further stores connection state information corresponding to the packets stored in the memory.
12. (original) The system of claim 7, wherein the connection is a TCP connection.
13. (original) The system of claim 7, wherein the first system is a connection host, and the second system is a failover host.
14. (currently amended) The system of claim 7, wherein the first system and the second system solicit the ownership information from each other.

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15. (original) The system of claim 7, wherein the first and second systems and the apparatus are within a cluster of systems